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4/4/05
Scott F. Diring Reg. No. 35,119

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Boris A. Shoykhet
Serial No.: 10/761,716
Filed: January 21, 2004
Title: Joint Assembly for Superconducting Motors
Art Unit: 2834
Examiner: Thanh Lam
Our Ref.: 110003.95637

Commissioner for Patents
Alexandria, VA 22313-1450

Box: Amendment

RESPONSE TO RESTRICTION REQUIREMENT

Dear Sir:

In response to the Patent Office Action dated February 4, 2005, Applicant elects, with traverse, to prosecute claims associated with species A embodied in Figures 1-7. With respect to claims associated with the elected species, the associated claims include 7-30.

The Office Action indicates that the application includes two distinct species, described in reference to Figures 1-7, and a second described in reference to Figure 8. The Office Action asserts that no claims are generic.

In general, the invention claimed in this application covers a rotatable joint assembly including a bonded joint assembly. As set forth in independent claim 7, the bonded joint assembly includes bonded connecting members formed of dissimilar materials. As set forth in independent claim 17, the connecting members

are exposed to different temperatures. Finally, the invention set forth in independent claim 26 includes a bonded joint assembly that provides thermal isolation for the windings of a rotor mounted for rotation within a stator cavity and encapsulated by a vacuum jacket.

Referring to the Figures, the joint assembly of Figures 1-7 has connecting members including a central composite member 10 bonded to metal couplers 12 that extend over a portion of the central member in the region of the bond 14. In the embodiment of Figure 8, the bond 14' is formed by an interface where the center composite member 10' extends over the couplers 12'. In general, the bonding areas are configured to remove singularity points, and both embodiments are subject to similar geometrical constraints.

Claims 7, 17, and 26 are generic to both embodiments. None of the claims are directed to a particular geometry of the bond, *i.e.*, whether the couplers overlap the central member or the center member overlaps the couplers. Hence, the claims cover both embodiments.

Thus, Applicant believes that the restriction requirement in this case is improper and respectfully requests that the requirement be withdrawn and that both species identified by the examiner be considered together.


This response includes a petition for extension of time for one month, thereby extending the period for response to April 4, 2005. No other fee is believed to be required to enter this response, however, if an additional fee is required, please charge Deposit Account No. 17-0055 in the amount of the fee.

Boris A. Shoykhet
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AMENDMENT
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Respectfully submitted,

BORIS A. SHOYKHET

Date: 4/4/05



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